

MONTANA DEPARTMENT OF AGRICULTURE COOPERATIVE PEST SURVEY REPORT 2008



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2008 Surveys

- **Gypsy Moth-GM & RGM**
- **Karnal Bunt-KB**
- **Nematodes-PCN**
- **Emerald Ash Borer-EAB**

- **Exotic Moths-SSM, SFT, LBAM**
- **Cereal Leaf Beetle-CLB**
- **Cereal Leaf Beetle Biological Control**
- **Exotic Wood Boring Insects-EWBB**

This report was compiled by Patricia Denke, Michele Mettler, and Ian Foley,
with contributions from our survey interns.

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Introduction to the Program

The Cooperative Agricultural Pest Survey (CAPS) is a nationwide survey effort initiated by the USDA Animal Plant Health Inspection Service (APHIS) Plant Protection and Quarantine (PPQ), to detect and/or monitor the spread of introduced plant pests. To achieve this goal, the USDA APHIS PPQ enlists the assistance of state cooperators. In Montana, state cooperators are coordinated through the Montana Department of Agriculture, and include not only the Department of Agriculture, but also Montana State University, the Montana Department of Natural Resources and Conservation, and the US-Forest Service.

The Interns and Other Program Assistants

The Montana Department of Agriculture conducts several of the surveys. This would not be possible without the assistance of a group of dedicated people, who join the department for the summer as interns and survey technicians. We also had the invaluable assistance of Margaret Rayda, Pest Survey Specialist for North Dakota and Montana with the USDA-APHIS-PPQ and Amy Gannon, Forest Entomologist with MDNRC .

Interns for 2008 included Jamie Hollett, Kelsey Redmond, and April Wabeke. Jamie, originally from Maryland and currently an Animal Science major at MSU-Bozeman, focused on the Emerald Ash Borer survey and the Exotic Wood Boring Insect Survey. Kelsey, from Helena and currently an Environmental Science major at UM-Missoula, focused on exotic moth trapping primarily west of the continental divide. April, from Kevin, Montana, concentrated first on the Cereal Leaf Beetle survey and its bio-controls and then on the Karnal Bunt survey

In addition to the interns, we had the assistance of Shane Delzer as a technician. Shane is a recent graduate of Capital High in Helena, and will be attending MSU-Bozeman in the fall. He provided trap and field support to a variety of surveys, as well as assisted with sorting insects, data entry and management, and public outreach.